ABSTRACT OF THE DISCLOSURE

1	A photovoltaic solid state relay has a light-emitting diode for emitting
2	light in response to an electrical control signal. First and second photovoltaic
3	devices are optically coupled to the light-emitting diode for converting the
4	light to first and second voltages, respectively. First and second unipolar
5	transistors are provided having first and second gate electrodes for
6	respectively receiving the first and second voltages and jointly establishing a
7	first current conducting path between output terminals to which a load
8	circuit will be connected. A bipolar transistor is provided having a base
9	connected to a junction between the first and second unipolar transistors for
10	establishing a second current conducting path in parallel to the first current
11	conducting path in one of opposite directions depending on voltages applied
12	to the output terminals.